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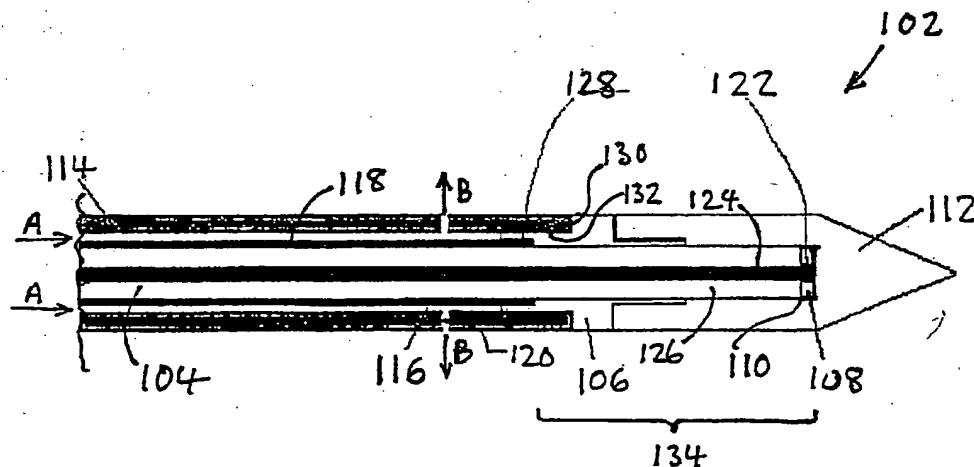
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(54) Title: RADIATION APPLICATOR AND METHOD OF RADIATING TISSUE



(57) Abstract: A radiation applicator (102) for applying electromagnetic radiation to tissue, comprising: an axial central conductor (124) adapted to be coupled to a source of electromagnetic radiation and defining an axis; an elongate dielectric member (126), the dielectric member surrounding at least part of said central conductor along an axial length thereof; a metal ferrule (106), the ferrule being attached to the dielectric member and surrounding a portion of the central conductor and extending parallel thereto along a length thereof. The ferrule and the dielectric member have respective elongate cooperating surfaces and wherein the ferrule and the dielectric member are fixed to each other with said cooperating surfaces in close abutment, thereby providing a rigid structure.